

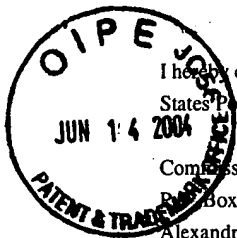


<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	10/797,482
		Filing Date	March 9, 2004
		First Named Inventor	DEMARAIS, DENISE M.
		Art Unit	3731
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	19744P-000620US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> Return Postcard PTO/SB/08A & PTO/SB/08B
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual	Townsend and Townsend and Crew LLP James M. Heslin Reg. No. 29,541	
Signature		
Date	June 3, 2004	

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Edward Masinas		
Signature		Date	6-10-04



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PATENT  
Attorney Docket No.: 19744P-000620US

On

6-10-04

TOWNSEND and TOWNSEND and CREW LLP

By:

*Edward Masinas*

Edward Masinas

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

DENISE M. DEMARAIS et al.

Application No.: 10/797,482

Filed: March 9, 2004

For: MECHANICAL PUMP FOR  
REMOVAL OF FRAGMENTED  
MATTER AND METHODS OF  
MANUFACTURE AND USE

Examiner: Unassigned

Art Unit: 3731

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/590,915 (now U.S. Patent 6,702,830, filed June 9, 2000 (Attorney Docket No. 19744P-000610US)). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

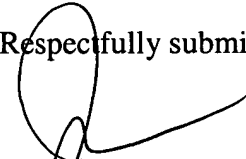
As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement.

However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



James M. Heslin  
Reg. No. 29,541

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60223700 v1



Substitute for form 1449A/PTO		<b>Complete If Known</b>			
		Application Number	10/797,482		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	March 9, 2004		
		First Named Inventor	DEMARAIS, DENISE M.		
		Art Unit	3731		
		Examiner Name	Unassigned		
Sheet	1	of	4	Attorney Docket Number	19744P-000620US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	3,320,957	05-21-1964	Sokolik	
	2	4,621,636	11-11-1986	Fogarty	
	3	4,646,736	03-03-1987	Auth	
	4	4,665,906	05-19-1987	Jervis	
	5	4,681,106	07-21-1987	Kensey et al.	
	6	4,732,154	03-22-1988	Shiber	
	7	4,737,153	04-12-1988	Shimamura et al.	
	8	4,762,130	08-09-1988	Fogarty et al.	
	9	4,771,774	09-20-1988	Simpson et al.	
	10	4,819,634	04-11-1989	Shiber	
	11	4,842,579	06-27-1989	Shiber	
	12	4,857,046	08-15-1989	Stevens et al.	
	13	4,883,458	11-28-1989	Shiber	
	14	4,886,490	12-12-1989	Shiber	
	15	4,894,051	01-16-1990	Shiber	
	16	4,895,166	01-23-1990	Farr et al.	
	17	4,923,462	05-08-1990	Stevens	
	18	4,926,858	05-22-1990	Gifford, III et al.	
	19	4,957,482	09-18-1990	Shiber	
	20	4,966,604	10-30-1990	Reiss	
	21	4,979,939	12-25-1990	Shiber	
	22	5,002,553	03-26-1991	Shiber	
	23	5,007,896	04-16-1991	Shiber	
	24	5,024,651	06-18-1991	Shiber	
	25	5,030,201	07-09-1991	Palestrant	
	26	5,041,082	08-20-1991	Shiber	
	27	5,041,093	08-20-1991	Chu	
	28	5,047,040	09-10-1991	Simpson et al.	
	29	5,078,722	01-07-1992	Stevens	
	30	5,100,423	03-31-1992	Fearnot	
	31	5,116,352	05-26-1992	Schnepp-Pesch et al.	
	32	5,129,910	07-14-1992	Phan et al.	
	33	5,135,531	08-04-1992	Shiber	
	34	5,180,376	01-19-1993	Fischell	
	35	5,192,268	03-09-1993	Shiber	
	36	5,226,909	07-13-1993	Evans et al.	
	37	5,306,244	04-26-1994	Shiber	
	38	5,330,484	07-19-1994	Gunther et al.	
	39	5,334,211	08-02-1994	Shiber	
	40	5,419,774	05-30-1995	Willard et al.	
	41	5,423,799	06-13-1995	Shiu	
Examiner Signature		Date Considered			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
60223700 v1

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete If Known</b>	
		Application Number	10/797,482
		Filing Date	March 9, 2004
		First Named Inventor	DEMARAIS, DENISE M.
		Art Unit	3731
Examiner Name	Unassigned		
Sheet <b>2</b>	of <b>4</b>	Attorney Docket Number	19744P-000620US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	42	5,443,443	08-22-1995	Shiber	
	43	5,462,529	10-31-1995	Simpson et al.	
	44	5,485,042	01-16-1996	Burke	
	45	5,501,694	03-26-1996	Ressemann et al.	
	46	5,540,707	07-30-1996	Ressemann et al.	
	47	5,556,408	09-17-1996	Farhat	
	48	5,569,275	10-29-1996	Kotula et al.	
	49	5,569,277	10-29-1996	Evans et al.	
	50	5,571,122	11-05-1996	Kelly et al.	
	51	5,597,378	01-28-1997	Jervis	
	52	5,616,149	04-01-1997	Barath	
	53	5,630,806	05-20-1997	Inagaki et al.	
	54	5,643,199	07-01-1997	Rowland et al.	
	55	5,653,696	08-05-1997	Shiber	
	56	5,681,335	10-28-1997	Serra et al.	
	57	5,688,234	11-18-1997	Frisbie	
	58	5,695,507	12-09-1997	Auth et al.	
	59	5,766,191	06-16-1998	Trerotola	
	60	5,795,322	08-18-1998	Boudewijn	
	61	5,843,031	12-01-1998	Hermann et al.	
	62	5,873,882	02-23-1999	Straub et al.	
	63	5,876,414	03-02-1999	Straub	
	64	5,904,698	05-18-1999	Thomas et al.	
	65	5,911,734	06-15-1999	Tsugita et al.	
	66	5,928,186	07-27-1999	Homsma et al.	
	67	5,947,985	09-07-1999	Imran	
	68	5,954,737	09-21-1999	Lee	
	69	5,972,019	10-26-1999	Engelson et al.	
	70	6,001,112	12-14-1999	Taylor	
	71	6,036,708	03-14-2000	Sciver	
	72	6,066,158	05-23-2000	Engelson et al.	
	73	6,090,118	07-18-2000	McGuckin, Jr.	
	74	6,322,572	11-27-2001	Lee	
	75	6,660,014	12-09-2003	Demarais et al.	

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		Application Number	10/797,482
		Filing Date	March 9, 2004
		First Named Inventor	DEMARAIS, DENISE M.
		Art Unit	3731
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Sheet <b>3</b>	of <b>4</b>	Attorney Docket Number	19744P-000620US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code* (if known)				
	76	WO	96/01591		01-25-1996	MAZZOCCHI		<input type="checkbox"/>
	77	WO	98/38929		09-11-1998	MUNI		<input type="checkbox"/>
	78	WO	99/44510		09-10-1999	SISSKIND		<input type="checkbox"/>
	79	WO	99/44542		09-10-1999	BROOME et al.		<input type="checkbox"/>
	80	WO	00/41762		07-20-2000	BARBUT		<input type="checkbox"/>

Examiner Signature		Date Considered	
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60223700 v1

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/797,482
				Filing Date	March 9, 2004
				First Named Inventor	DEMARAIS, DENISE M.
				Art Unit	3731
				Examiner Name	Unassigned
Sheet	4	of	4	Attorney Docket Number	19744P-000620US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	81	Schmitz-Rode et al., "New device for percutaneous fragmentation of pulmonary emboli" Radiology (1991) 180:135-137.	
	82	Sharafuddin et al. "Current status of percutaneous mechanical thrombectomy. Part I. General Principles" Journal of Vascular and Interventional Radiology (1997) 8(6):911-921.	

Examiner Signature		Date Considered	
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